

Amendments to the Claims

Please amend the claim as follows:

Claims 1-16 (canceled)

Claim 17. (previously presented) A system for remote measurements, the system comprising:

(a) a measuring device for measuring at least one medical parameter of a user, wherein the measuring device comprises a communication module for wirelessly transmitting measured parameters and receiving data and instructions;

(b) a portable wireless gateway, wherein the portable wireless gateway comprises a wireless module for wirelessly communicating with the measuring device and a computer interface module for communicating with a computer;

(c) a computer (PC) with a standard port to which the portable wireless gateway is connected to;

wherein the portable wireless gateway stores the following:

software used by the PC for operating the system;

personal information of the user; and

setting parameters for the measuring device;

wherein the software analyzes measured data and alerts the user.

Claim 18. (currently amended) The system of claim 17, further comprising:

(d) a central server being operative to communicate with the PC and to store and analyze measured data; and

(e) a computer network between the computer (PC) and the central server for carrying the communication between the two.

Claim 19. (canceled)

Claim 20. (currently amended) The system of claim 17, wherein the portable wireless gateway is a USB dongle connected to a Universal Serial Bus (USB) connector.

Claim 21. (canceled)

Claim 22. (currently amended) The system of claim 2417, wherein the personal information stored in portable wireless gateway is used for at least one function selected from a group consisting of: authentication and encryption.

Claim 23. (currently amended) The system of claim 2417, wherein the personal information contains medical data of the user.

Claim 24. (currently amended) The system of claim 17, wherein the portable wireless gateway emulates a USB flash memory disk device.

Claim 25. (canceled)

Claim 26. (previously presented) The system of claim 2524, wherein the computer (PC) operates the software from the emulated USB flash memory disk device.

Claim 27. (canceled)

Claim 28. (canceled)

Claim 29. (previously presented) The system of claim 17, wherein the measuring device is wearable by a user.

Claim 30. (previously presented) The system of claim 18 wherein the computer network is the Internet.

Claim 31. (original) The system of claim 17, wherein the measuring device is further comprising a movement sensor.

Claim 32. (original) The system of claim 31, wherein the movement sensor is adapted for measuring the user's breathing.

Claim 33. (original) The system of claim 17, wherein the measuring device is further comprising a smoke detector.

Claim 34. (currently amended) The system of claim 17, wherein the measuring device is further comprising a burglary alarm.

Claim 35. (original) The system of claim 17, wherein the computer standard port is a USB port.

Claim 36. (currently amended) A portable wireless gateway suitable for use within a remote medical monitoring system that comprises a measuring unit, and a computer connected to a computer network and a central server connected over the computer network, the portable wireless gateway comprising:

a wireless communication unit operative to communicate with the measuring unit;

a non-volatile memory module containing: software used by the PC for operating the system, personal information of the user, and setting parameters for the measuring device;

a computer interface module operative to connect to the computer; and

a processing unit,

wherein after connecting the portable wireless gateway to the computer the portable wireless gateway communicatively coupled via the wireless communication unit with the measuring unit, and in response to instructions, the processing unit being operable to receiving physiological data from the measuring unit through the wireless communication unit; processing the received physiological data and transferring the processed physiological data to the computer via the computer interface module;

whereby connecting the portable wireless gateway to a computer the computer becomes a part of the remote medical monitoring system during the period of the connection; and

wherein the software analyzes measured data and alerts the user.

Claim 37. (original) The portable wireless gateway of claim 36, wherein the connection between the portable wireless gateway and the computer is USB connection.

Claim 38. (canceled)

Claim 39. (original) The portable wireless gateway of claim 36, wherein the non-volatile memory module stores personal information of the user, and wherein the processing unit is operative to process the physiological measurements into medical information.

Claim 40. (original) The portable wireless gateway of claim 36, wherein the non-volatile memory module stores the software that will be operated by the computer for operating the remote medical monitoring system while connected to the portable wireless gateway.